

Claims

1. A drive unit for a belt tensioner for safety belts having a drive which can be triggered, which can be coupled to the belt winding reel and which is located in a drive chamber (10) which is formed by two plates (12), which extend parallel to one another and which are connected to one another, and which has a drive band (20) of which at least one end is fastened to a drive shaft (18) and which can be exposed from one side to an expanding gas coming from a gas generator on the response of an acceleration sensor such that the drive band (20) unwinds and thereby drives the drive shaft (18), characterized in that the plates (12) are partly or fully coated on the surface at the chamber side with a coating material (16) which reduces a gas exchange via the interface drive band / plate surfaces.
2. A drive unit in accordance with claim 1, characterized in that the coating material (16) has a plurality of layers.
3. A drive unit in accordance with any one of the preceding claims, characterized in that the coating material (16) has layers of different materials.

4. A drive unit in accordance with any one of the preceding claims, characterized in that the coating material (16) and/or the thickness of the coating of a plate (12) varies in different plate sections.
5. A drive unit in accordance with any one of the preceding claims, characterized in that the coating material (16) of the plates (12) has one or more films.
6. A drive unit in accordance with claim 5, characterized in that the films for the coating of the plates (12) are adhesive or are applied by means of an adhesive.
7. A drive unit in accordance with any one of the preceding claims, characterized in that the coating material (16) is soft.
8. A drive unit in accordance with any one of the preceding claims, characterized in that edges (22) of the drive band (20) partly penetrate into the coating material (16).
9. A drive unit in accordance with any one of the preceding claims, characterized in that a surface-near layer of the coating material (16) can be removed by the drive band (20) and piles up in front of the drive band (20) in the direction of expansion on the triggering of the drive and thus additionally reduces the gas exchange via the interface drive band / plate surfaces.
10. A belt tensioner for safety belts having at least one drive unit in accordance with any one of the preceding claims.